Volume 15 1991

Progress in Physical Geography

Article index

Applied climatology: severe weather and the insurance industry *John E. Thornes* 173
Arid geomorphology *David S.G. Thomas* 157
Biogeography *Roy Haines-Young* 101
Climatic change, river flow extremes and fluvial erosion – scenarios for England and Wales *Malcolm Newson and John Lewin* 1
Coastal geomorphology *Heather Viles* 182
Dating methods *William C. Mahaney* 304
Environmental acidification: a review of surface water acidification during 1990 *A.C. Stevenson* 164
Environmental issues *Stephen Trudgill* 84
Fluvial geomorphology: structured beds in gravelly rivers *Keith Richards and Nicholas Clifford* 407
Geographical information systems *Jonathan Raper* 438
Global warming *Mike Hulme* 310
Gully erosion: processes and models *Gerardo Bocco* 392
Holocene palynology: I principles, population and community ecology, palaeoclimatology *Glen M. MacDonald and Kevin J. Edwards* 261
Holocene palynology: II human influence and vegetation change *Kevin J. Edwards and Glen M. MacDonald* 364
Information technology in real-time for monitoring and managing natural disasters *David Alexander* 238
Initiation of river meandering *Bruce L. Rhoads and Mark R. Welford* 127
Panbiogeography 1981–91: development of an earth/life synthesis *J.R. Grehan* 331
Pans *A.S. Goudie* 221
Periglacial geomorphology *John Boardman* 77
Policy advice on greenhouse-induced climate change: the scientist's dilemma *A. Henderson-Sellers* 53
Recent trends in the ecology and management of the world's savanna formations *Philip Stott* 18
Remote sensing *Kevin White* 71
Slopes and slope processes *Robert J. Allison* 423
Soil erosion and soil problems *David L. Higgitt* 91
Tectonic geomorphology *M.A. Summerfield* 193
Towards an improved specification of slope hydrology in the analysis of slope instability problems in the tropics *M.G. Anderson and M.J. Kemp* 29
Tropical rain forests *J. Proctor* 291

Author index

Alexander, D.: Information technology in real-time for monitoring and managing natural disasters 238
Allison, R.J.: Slopes and slope processes 423
Anderson, M.G. and Kemp, M.J.: Towards an improved specification of slope hydrology in the analysis of slope instability problems in the tropics 29
Boardman, J.: Periglacial geomorphology 77
Bocco, G.: Gully erosion: processes and models 392
Edwards, K.J. and MacDonald, G.M.: Holocene palynology: II human influence and vegetation change 364
Goudie, A.: Pans 221
Grehan, J.R.: Panbiogeography 1981–91: development of an earth/life synthesis 331
Haines-Young, R.: Biogeography 101
Henderson-Sellers, A.: Policy advice on greenhouse-induced climatic change: the scientist's dilemma 53
Higgitt, D.L.: Soil erosion and soil problems 91

Hulme, M.: Global warming 310
MacDonald, G.M. and Edwards, K.J.: Holocene palynology: I principles, population and community ecology, palaeoclimatology 261
Mahaney, W.C.: Dating methods 304
Newson, M. and Lewin, J.: Climatic change, river flow extremes and fluvial erosion – scenarios for England and Wales 1
Proctor, J.: Tropical rain forests 291
Raper, J.: Geographical information systems 438
Rhoads, B.L. and Welford, M.R.: Initiation of river meandering 127
Richards, K. and Clifford, N.: Fluvial geomorphology: structured beds in gravelly rivers 407
Stevenson, A.C.: Environmental acidification: a review of surface water acidification during 1990 164
Stott, P.: Recent trends in the ecology and management of the world's savanna formations 18
Summerfield, M.A.: Tectonic geomorphology 193
Thomas, D.S.G.: Arid geomorphology 157
Thornes, J.E.: Applied climatology: severe weather and the insurance industry 173
Trudgill, S.: Environmental issues 84
Viles, H.: Coastal geomorphology 182
White, K.: Remote sensing 71

Book reviews

Adam, P. *Saltmarsh ecology* (reviewer: Heather A. Viles) 207
Adams, W.M. *Green development* (reviewer: Alan Grainger) 115
Allaby, A. and Allaby, M., editors, *The concise Oxford dictionary of earth sciences* (reviewer: Nicholas Middleton) 445
Bayliss-Smith, T. and Owens, S., editors, *Britain's changing environment from the air* (reviewer: Rob Inkpen) 208
Boehmer-Christiansen, S. and Skea, J. *Acid politics: environmental and energy policies in Britain and Germany* (reviewer: Chris Park) 319
Bradbury, I. *The biosphere* (reviewer: Pam Berry) 320
Bridges, E.M. *World geomorphology* (reviewer: A.S. Goudie) 116
Bridgman, H. *Global air pollution: problems for the 1990s* (reviewer: Chris Park) 320
Buckley, G.P., editor, *Biological habitat reconstruction* (reviewer: W.M. Adams) 116
Curran, P.J., Foody, G.M., Kondratyev, K.Ya., Kozoderov, V.V. and Fedchenko, P.P. *Remote sensing of soils and vegetation in the USSR* (reviewer: Andrew Millington) 209
Dodd, J.R. and Stanton, R.J., Jr. *Palaeoecology concepts and applications* (reviewer: S.E. Metcalfe) 118
Drury, S.A. *A guide to remote sensing* (reviewer: K. White) 210
Eden, M.J. *Ecology and land management in Amazonia* (reviewer: Carl F. Jordan) 119
Fowler, C.M.R. *The solid earth: an introduction to global geophysics* (reviewer: Barry Parsons) 446
Friday, L. and Laskey, R., editors, *The fragile environment* (reviewer: K.J. Gregory) 120
Goudie, A.S., editor, *Techniques for desert reclamation* (reviewer: Alan Grainger) 121
Hardisty, J. *The British seas. An introduction to the oceanography and resources of the north-west European continental shelf* (reviewer: Heather A. Viles) 211
Hengeveld, R. *Dynamic biogeography* (reviewer: Tony Stevenson) 122
Hoekstra, P. *Netherlands Geographical Studies 87, River outflow, depositional processes and coastal morphodynamics in a monsoon-dominated deltaic environment, East Java, Indonesia* (reviewer: Denise J. Reed) 212
Idso, S.B. *Carbon dioxide and global change: earth in transition* (reviewer: Mike Hulme) 122
Houghton, J.T., Jenkins, G.J. and Ephraums, J.J. *Climate change – the IPCC scientific assessment* (reviewer: Richard Heerdegen) 321
Hughes, R.L. *Oceanic hydraulics* (reviewer: J. Hardisty) 447
Jackson, M.T., Ford-Lloyd, B.V. and Parry, M.L., editors, *Climatic change and plant genetic resources* (reviewer: A.S. Goudie) 124
Jenkyns, H.C., Sellwood, B.W. and Polymar, L. *A field excursion guide to the island of Mallorca* (reviewer: A.S. Goudie) 215
Jordan, C.F., editor, *An Amazonian rain forest: the structure and function of a nutrient stressed ecosystem and the impact of slash and burn agriculture* (reviewer: Stephen Nortcliff) 125
Kujansuu, R. and Saarnisto, M., editors, *Glacial indicator tracing* (reviewer: John Walden) 216
Květ, R. *New-determined regularities in the Earth's crust and in the evolution of the Earth* (reviewer: A.S. Goudie) 323

Lamb, H.H. *Weather, climate and human affairs* (reviewer: Peter A. Smithson) 217
Lyons, T.J. and Scott, W.D. *Principles of air pollution meteorology* (reviewer: Peter Smithson) 323
Mather, A.S. *Global forest resources* (reviewer: Alan Grainger) 324
Mather, P.M. *Computer applications in geography* (reviewer: John Walden) 325
Mitchell, B., editor, *Integrated water management: international experiences and perspectives* (reviewer: K.J. Gregory) 326
Mounfield, P.R. *World nuclear power: a geographical appraisal* (reviewer: A.S. Goudie) 218
Ofoegbu, C.O., editor, *The Benue Trough structure and evolution* (reviewer: A. Faniran) 327
Parry, M. *Climate change and world agriculture* (reviewer: Richard G. Heerdegen) 447
Pielke, R.A. *The hurricane* (reviewer: P.A. Smithson) 328
Pye, K. and Tsoar, H. *Aeolian sand and sand dunes* (reviewer: Ian Livingstone) 449
Solomon, A.M. and Kauppi, L., editors, *Towards ecological sustainability in Europe: climate, water, resources, soils and biota* (reviewer: R.E. Randall) 218
Thornes, J.B., editor, *Vegetation and erosion. Processes and environments* (reviewer: Peter B. Mitchell) 329
Vincent, P. *The biogeography of the British Isles: an introduction* (reviewer: Joy Tivy) 219